United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

22852

7590

11/18/2005

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP

901 NEW YORK AVENUE, NW WASHINGTON, DC 20001-4413

EXAMINER

MCCALL, ERIC SCOTT

ART UNIT

PAPER NUMBER

2855

DATE MAILED: 11/18/2005

1	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/694,950	10/29/2003	Yoshinari Iwata	05435.0002	6160

TITLE OF INVENTION: EXHAUST TREATMENT APPARATUS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	02/21/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED</u>. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further con indicated unless corrected b maintenance fee notification	elow or directed otherwise	Patent, advance or in Block 1, by (a)	ders and notificatio) specifying a new	n of maintenance fees correspondence address	will be mailed to the current s; and/or (b) indicating a sep-	correspondence address as arate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE	E ADDRESS (Note: Use Block 1 for	any change of address)	· <u> </u>	Note: A certificate o Fee(s) Transmittal. T papers. Each addition	certificate of mailing can only be used for domestic mailings of the ransmittal. This certificate cannot be used for any other accompanying each additional paper, such as an assignment or formal drawing, must own certificate of mailing or transmission. Certificate of Mailing or Transmission certify that this Fee(s) Transmittal is being deposited with the United stal Service with sufficient postage for first class mail in an envelope d to the Mail Stop ISSUE FEE address above, or being facsimile ed to the USPTO (571) 273-2885, on the date indicated below. (Depositor's name) (Signature) (Date) ATTORNEY DOCKET NO. CONFIRMATION NO. 05435.0002 6160 ON FEE TOTAL FEE(S) DUE DATE DUE 0 \$1700 02/21/2006 CLASS 100 front page, list gistered patent attorneys 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	90 11/18/2005			have its own certificate of mailing or transmission.			
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP 901 NEW YORK AVENUE, NW				I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. (Depositor's name) (Signature) (Date) IRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. Yoshinari Iwata O5435.0002 6160 E PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE \$300 \$1700 CLASS-SUBCLASS O73-118100 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, and the patent of 2 registered patent attorneys or agents OR, alternatively. (2) the name of a single firm (having as a member a registered attorneys or agents. If no name is listed, no name will be printed. HE PATENT (print or type) lata will appear on the patent. If an assignee is identified below, the document has been filed for a substitute for filing an assignment. PRESIDENCE: (CITY and STATE OR COUNTRY) Inted on the patent): Individual Corporation or other private group entity Government Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). For Fee (if any) or to re-apply any previously paid issue fee to the application identified above, from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in Office.			
WASHINGTON, D							
					<u></u>	(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	1	FIRST NAMED INVE	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. Certificate of mailing or Transmission I thereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service of mailing or Transmission at hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service Interest of State File address above, or being facisimite transmitted to the USPTO (\$71) 273-2885, on the date indicated below. (Depositor's name) (Signature) (Signature) (Date) ST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. Yoshinari Iwata 05435.0002 6160 PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE \$300 \$1700 02/21/2006 CLASS-SUBCLASS 073-118100 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents (R, alternatively, (2) the name of a single firm (having as a member a registered attorneys or agent) and the names of up to 2 registered patent attorneys or agents. If no name is 1 sited, no name will be printed. EPATENT (print or type) ta will appear on the patent. If an assignee is identified below, the document has been filed for substitute for filing an assignment. RESIDENCE: (CITY and STATE OR COUNTRY) and all appear on the patent. If an assignee is identified below, the document has been filed for substitute for filing an assignment. Certification is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to eposit Account Number (enclose an extra copy of this form). Da. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).			
10/694,950	10/29/2003		Yoshinari Iwat	· ·	05435.0002	6160	
TITLE OF INVENTION: EX	KHAUST TREATMENT AI	PPARATUS					
						`e	
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE I	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	· NO	\$1400		\$300	\$1700	02/21/2006	
EXAM	INER	ART UN	IT (CLASS-SUBCLASS	7		
MCCALL, E	RIC SCOTT	2855		073-118100	_		
1. Change of correspondence	address or indication of "Fe	ee Address" (37	2. For printing or	n the patent front page,	list		
CFR 1.363).	ence address (or Change of	Correspondence	(1) the names of up to 3 registered patent attorneys				
Address form PTO/SB/12	(2) attached.		•	• •	a member a 2		
☐ "Fee Address" indicate PTO/SB/47; Rev 03-02 of Number is required.	ion (or "Fee Address" Indica or more recent) attached. Use	ation form e of a Customer	registered attorne 2 registered pate listed, no name v	ey or agent) and the name of attorneys or agents. I will be printed.	mes of up to f no name is 3.		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of of this form is NOT	data will appear on a substitute for fili	the patent. If an assigng an assignment.	mee is identified below, the o	document has been filed for	
(A) NAME OF ASSIGNE	EE	(B) RESIDENCE: (CI	TY and STATE OR CO	DUNTRY)		
Please check the appropriate	assignee category or catego	ries (will not be pri	nted on the patent)	: Individual 🗆 (Corporation or other private gr	oup entity Government	
4a. The following fee(s) are	enclosed:	4b	. Payment of Fee(s)	:			
Issue Fee			A check in the amount of the fee(s) is enclosed.				
_	mall entity discount permitte						
☐ Advance Order - # of	Copies		The Director is Deposit Account N	hereby authorized by umber	charge the required fee(s), or (enclose an extra of	credit any overpayment, to copy of this form).	
5. Change in Entity Status	•	•					
• •	MALL ENTITY status. See						
The Director of the USPTO in NOTE: The Issue Fee and Puinterest as shown by the reco	is requested to apply the Issuablication Fee (if required) words of the United States Pate	ne Fee and Publicat will not be accepted ent and Trademark	ion Fee (if any) or t from anyone other Office.	o re-apply any previous than the applicant; a rep	sly paid issue fee to the applic gistered attorney or agent; or t	ation identified above. he assignee or other party in	
Authorized Signature		-		Date			
Typed or printed name				Registration No.			
This collection of information application. Confidentialistic submitting the completed ap	n is required by 37 CFR 1.3 ty is governed by 35 U.S.C. plication form to the USPT	11. The information 122 and 37 CFR 1 O. Time will vary	n is required to obta 1.14. This collection depending upon the	in or retain a benefit by is estimated to take 12 individual case. Any o	the public which is to file (an minutes to complete, includi comments on the amount of ti	d by the USPTO to process) ng gathering, preparing, and me you require to complete	

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandra, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/694,950	10/29/2003 Yoshinari Iwata		05435.0002	6160
22852	7590 11/18/2005		EXAMINER	
FINNEGAN, I	HENDERSON, FARAB	MCCALL, ERIC SCOTT		
DUNNER			ART UNIT	PAPER NUMBER
LLP 901 NEW YOR	K AVENUE, NW	2855		
WASHINGTON, DC 20001-4413			DATE MAILED: 11/18/2005	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.